

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	122473	(LCD or liquid same crystal same display)	USPAT	OR	OFF	2008/02/14 20:23
L2	4646	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic)	USPAT	OR	OFF	2008/02/14 20:23
L3	3497	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6	USPAT	OR	OFF	2008/02/14 20:23
L4	0	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and nFRC	USPAT	OR	OFF	2008/02/14 20:24
L5	17	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6)	USPAT	OR	OFF	2008/02/14 20:25
L6	6	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6	USPAT	OR	OFF	2008/02/14 20:25
L7	4	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6	USPAT	OR	OFF	2008/02/14 20:25
L8	0	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same sub same frame\$6	USPAT	OR	OFF	2008/02/14 20:26
L9	0	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6)	USPAT	OR	OFF	2008/02/14 20:27

## EAST Search History

L10	1	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/14 20:27
L11	1	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/14 20:28
L12	1	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/14 20:29
L13	1	(LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/14 20:29
L14	5	Kim same Hyoung-Rae	USPAT	OR	OFF	2008/02/14 20:30
L15	19	Kim same Hyoung-Rae	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/14 20:30
L16	5	Kim same Hyoung-Rae and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/14 20:31

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L17	1	Kim same Hyoung-Rae and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/14 20:31
L19	7	("5262881"   "5489919"   "5548302"   "5596344"   "5642133"   "5644329"   "5682177").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:32
L20	0	("5262881"   "5489919"   "5548302"   "5596344"   "5642133"   "5644329"   "5682177").PN. and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:32
L21	0	("5262881"   "5489919"   "5548302"   "5596344"   "5642133"   "5644329"   "5682177").PN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:32
L22	0	"5,953,002".pn. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	USPAT	OR	OFF	2008/02/14 20:33
L24	7	("4921334"   "5030947"   "5138308"   "5196738"   "5198803"   "5453757"   "5495287").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:33

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L25	0	("4921334"   "5030947"   "5138308"   "5196738"   "5198803"   "5453757"   "5495287").PN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:33
L26	33	("5953002").URPN.	USPAT	OR	OFF	2008/02/14 20:34
L27	0	("5953002").URPN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	USPAT	OR	OFF	2008/02/14 20:34
L28	33	("5953002").URPN.	USPAT	OR	OFF	2008/02/14 20:34
L29	0	("5953002").URPN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	USPAT	OR	OFF	2008/02/14 20:35
L30	4	("5953002").URPN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6	USPAT	OR	OFF	2008/02/14 20:35
L31	0	("5953002").URPN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6	USPAT	OR	OFF	2008/02/14 20:35
L32	7	("5262881"   "5489919"   "5548302"   "5596344"   "5642133"   "5644329"   "5682177").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:37

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L33	0	("5262881"   "5489919"   "5548302"   "5596344"   "5642133"   "5644329"   "5682177").PN. and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:37
L34	0	("5262881"   "5489919"   "5548302"   "5596344"   "5642133"   "5644329"   "5682177").PN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:37
L35	33	("5953002").URPN:	USPAT	OR	OFF	2008/02/14 20:38
L36	7	("4921334"   "5030947"   "5138308"   "5196738"   "5198803"   "5453757"   "5495287").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:38
L37	0	("4921334"   "5030947"   "5138308"   "5196738"   "5198803"   "5453757"   "5495287").PN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2008/02/14 20:39
L38	32	("5495287").URPN.	USPAT	OR	OFF	2008/02/14 20:39
L39	0	("5495287").URPN. and (LCD or liquid same crystal same display) and (STN or super same twist\$6 same nematic) and driv\$6 and (nFRC or n same frame\$6 same rate\$6 same control\$6) same method\$6 and count\$6 same (sub same frame\$6 or sub-frame\$6 or subframe\$6 or sub adj frame\$6) and generat\$6 same frame\$6 same flag\$6 same signal\$6 and invert\$6 same polarity\$6	USPAT	OR	OFF	2008/02/14 20:39

## EAST Search History

S1	125851	(LCD or liquid same crystal same display\$6)	USPAT	OR	OFF	2008/02/09 10:24
S2	0	(LCD or liquid same crystal same display\$6) and nfr	USPAT	OR	OFF	2008/02/09 10:24
S3	4	display\$6 and nfr	USPAT	OR	OFF	2008/02/09 10:24
S4	3	(LCD or liquid same crystal same display\$6) and nfr	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/09 10:25
S5	1	"5,953,002".pn.	USPAT	OR	OFF	2008/02/09 10:37
S6	0	"5,953,002".pn. and nfr same method	USPAT	OR	OFF	2008/02/09 10:37
S7	0	"5,953,002".pn. and nfr and method	USPAT	OR	OFF	2008/02/09 10:38
S8	2	(LCD or liquid same crystal same display\$6) and nfr same method	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/09 10:42
S9	1	"5,638,091".pn.	USPAT	OR	OFF	2008/02/09 10:49
S10	1	"5,953,002".pn. and inver\$6	USPAT	OR	OFF	2008/02/09 10:56
S11	0	"5,953,002".pn. and inver\$6 and count\$6 and decode\$6	USPAT	OR	OFF	2008/02/09 11:07
S12	1	"5,953,002".pn. and inver\$6 and count\$6	USPAT	OR	OFF	2008/02/09 11:07
S13	0	dispaly\$6 and FRC and (subframe\$6 or sub same frame\$6 or sub adj frame\$6 or sub-frame\$6) same count\$6 same decod\$6	USPAT	OR	OFF	2008/02/09 16:06
S14	2	display\$6 and FRC and (subframe\$6 or sub same frame\$6 or sub adj frame\$6 or sub-frame\$6) same count\$6 same decod\$6	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/02/09 16:07